## Chemical Sensors And Biosensors For Medical And Biological Applications

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Conquering a Chemical Challenge Leads to Building a Better Biosensor Polymer

A new carbon-based semiconducting material could be key to building the next cohort of biosensors designed to monitor individual health. The material outclasses existing options, but developing such a ...

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NYCT Subway Sensors: Early Warning for Chemical and Biological Threats

Much research effort is currently expended into novel types of biosensors that interact directly with the body to detect key biochemicals and serve as indicators of health and disease. "For a sensor ...

Building a Better Biosensor Polymer

These chemicals can act as clear and specific chemical markers that indicate ... medical device company that hopes to produce a biosensor for medical use. The team has received approval to test the ...

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Biosensors boost from new organic semiconducting material

Silicone-based 3D-printed devices can be attached to human organs and tissues during procedures to help record and monitor their activity and guide surgeons.

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Using Portable Sensors to Detect COVID-19 in Wastewater

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Thin, stretchable biosensors could make surgery safer

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NYC Subway Sensors Could Provide Early Warning for Potential Chemical and Biological Threats

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Life Science Applications of the NL50 Nanoparticle Deposition System

The programmable biosensors can be integrated into other garments to detect dangerous substances, including other viruses, bacteria, toxins, and chemical agents. The sensors result from three ...

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As a result, major enterprises from the quantum dot sensor market are leveraging this opportunity and focused on the healthcare applications in order to efficiently work as biosensors and ...

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